

Bullet	Powder	Powder charge	avg velocity	SD	ES	average pressure
180 ELDM / 3.062" o.a.l. 2.352" B-O	N555	55.0	2857fps	7	17	59246psi (break in ammo/loads for the barrel)
180 ELDM	N555	57.0	2955fps	5	16	65168psi This load exceeded the 65k psi.
183 Sierra / 3.154" o.a.l. 2.365" B-O	N555	57.50	2958fps	7	27	65795psi This load exceeded the 65k psi.
180 Berger / 3.120" o.a.l. 2.400" B-O	N555	57.50	2976fps	6	19	65495psi This load exceeded the 65k psi.
166 ATIPs / 3.062" o.a.l.	N555	58.0	3077fps	8	28	63355psi
166 ATIPs 2.352" B-O	N555	59.0	3111fps	10	28	66535psi This load exceeded the 65k psi.
190 ATIPs / 3.150" o.a.l.	N555	54.0	2807fps	8	26	62143psi
190 ATIPs 2.370" B-O	N555	55.0	2837fps	2	7	64829psi
197 Sierra / 3.180" o.a.l.	N555	53.0	2740fps	7	23	61253psi This bullet needs a 1-7.5 twist min.
197 Sierra 2.391" B-O	N555	54.0	2773fps	6	18	63403psi
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180 Berger	H4350	52.00	2869fps	9	24	64018psi
183SMK	H4350	53.50	2907fps	6	19	67333psi This load exceeded the 65k psi.
166 ATIP's	H4350	53.50	3004fps	4	11	62808psi
166 ATIP's	H4350	54.50	3046fps	8	30	66148psi This load exceeded the 65k psi.
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190 ATIP's	H4831sc	56.50	2846fps	9	31	64965psi
190 ATIP's	H4831sc	57.50	2900fps	8	25	69284psi This load exceeded 65kpsi (most of these hitting around 69750 with one hitting 70690PSI)

183SMK	H4831sc	57.50	2901fps	9	32	62858psi
183SMK	H4831sc	58.00	2924fps	6	17	64540psi
180 Berger	H4831sc	58.50	2962fps	14	46	66255psi This load exceeded the 65k psi.
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180 Berger	RL16	53.00	2899fps	8	25	62848psi
180 Berger	RL16	54.00	2942fps	7	18	66228psi This load exceeded the 65 psi. Highest pressure came in at 68040psi and the velocity on that round was 2952fps.
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180 Berger	N568	57.50	2678fps	4	14	45809psi too bad you can't get more powder in the case with the N568. Seating the bullet was already compressing the powder. Maybe you could stuff 58.0gr and get 2700fps or so. One of the smallest groups fired....3 rd smallest group fired.